

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11069260
PUBLICATION DATE : 09-03-99

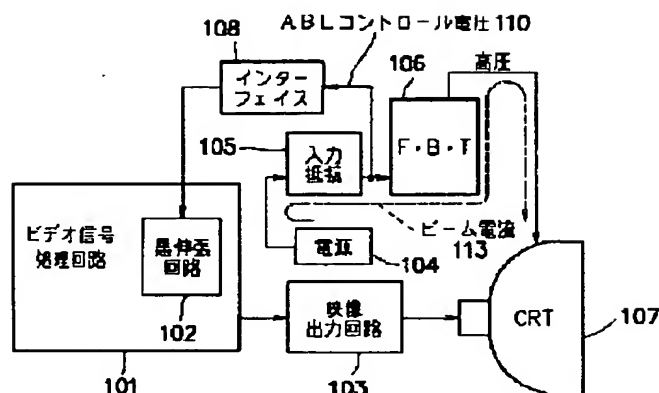
APPLICATION DATE : 26-08-97
APPLICATION NUMBER : 09229348

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INT.CL. : H04N 5/57 G09G 1/00 H04N 5/20

TITLE : TELEVISION RECEIVER



ABSTRACT : PROBLEM TO BE SOLVED: To provide a television receiver by which reproduction with optimum contrast and black level is attained by automatically changing the degree of a black level extension by an black level extension circuit, based on few components and a simple circuit configuration based on the mean luminance level of an image.

SOLUTION: This receiver is constituted such that a beam current 113 received by a CRT 107 is given to an input resistor 105, in which an output of an ABL control signal 110 is outputted. Since the outputted ABL control signal 110 is changed in response to an average luminance level APL, the ABL control signal 110 is given to an interface 108, which converts the received ABL control signal 110 into a conversion voltage and is outputted to a black level extension circuit 102, which changes the degree of black level extension, based on the outputted conversion voltage.

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